

INDUSTRIAL WAS INVESTIGATION AND SURVEILLANCE STATUS REPORT

FIRM NAME OZARK HARDWOOD CO.

ADDRESS 1412 West Florida

TELEPHONE 866 0879

PERSONNEL CONTACTED Ken H. Crissten Pres POSITION St. Joseph Mo

Phillip S. Platter Sec POSITION _____

Daniel W. Duncan Treas POSITION St. Joseph Mo

ACTION INITIATED BY: _____

- 1) 2-31-72 - Investigation by Corson & Lyman of discharge
to creek - samples taken
- 2) 3-9-72 - Analysis of Samples
- 3) 11-2-72 - Letter from Criswell about abatement
schedule
- 4) 11-8-72 - Letter from S. Decker about abatement
schedule
- 5) 11-13-72 - Analysis of Samples - plant
- 6) 11-14-72 - Analysis of Samples - Health
- 7) 12-7-72 - Letter to Phil Platter from Criswell
about meeting
- 8) 3-27-73 - Inspection by B. Corson, Rhymen, H. Abst.
Map. included
- 9) 3-30-73 - Letter from Terry King to Phil Platter
about hook-up to sanitary sewer

1412 W. FLORIDA

November 8, 1979

Mr. M. O. Carr
Ozark Hardwoods Inc.
1412 W. Florida
Springfield, MO

Dear Mr. Carr:

As you are probably aware, the Federal Water Pollution Control Act as amended in 1972 and the Clean Water Act of 1977, established a national pretreatment policy aimed at controlling the discharges from industrial users into municipal systems. The Acts call for two sets of pretreatment standards. The first, General Pretreatment Regulations, established a set of prohibited discharges for all users. The second is being and will continue to be promulgated for individual industrial categories and sub-categories and will specify quantities or concentrations of specific pollutants which may be introduced into a municipal system by certain classes of industrial users.

The General Pretreatment Regulations were issued on June 26, 1978 and proposed amendments were published on October 29, 1979 with comments on these amendments accepted until November 28, 1979. Specific pretreatment standards for the Timber Products Processing Point Source Category were proposed October 31, 1979. Comments for these proposed regulations will be accepted on or before December 31, 1979.

You are being contacted at this time because the City of Springfield believes that your company is or may be subject to these regulations or may become subject in the future. The applicability of the specific category regulation is determined by the type of business operation that a company is engaged in. It is not necessarily limited to those companies whose primary Standard Industrial Classification is identical to the classical textbook definition^{and} may have broad application to any similar operation within a firm which generates a like waste.

Enclosed for your review, please find copies of the Federal Register of June 26, 1978, General Pretreatment Regulations, October 29, 1979 General Regulation proposed amendments and October 31, 1979, Timber Products Processing Point Source Category regulations. If we may be of further assistance to you or can answer any question, please do not hesitate to call.

Yours truly,

Charles H. Criswell
Associate Sanitary Engineer
Chief, Water Pollution Control

CHC/js

Enclosure: (3)

cc: Mr. Frank J. Dolan, Missouri Department of Natural Resources
Mr. Ronald D. McCutcheon, Environmental Protection Agency
Surveillance and Enforcement File ✓
Pretreatment File

1412 W. FLORIDA

August 17, 1977

Ozark Hardwoods, Inc.
1412 West Florida
Springfield, Missouri 65803

Dear Sirs:

This office was contacted on the above date concerning a discharge from your property. Upon investigation the substance was found to be a water-soluble solvent used in your milling operation.

Personnel at your plant were contacted and agreed to clean up the spill with sawdust. Later inspection of this cleanup showed that your personnel did an excellent job. We would like to thank you for your cooperation in this aspect of the operation.

As you are probably aware, there are stringent Federal, State and City laws pertaining to the discharge of any petroleum-based products, such as the above-mentioned solvent. Although the material did not reach a waterway in this instance, it could have reached a waterway if a more substantial amount of runoff had contacted the spill.

If this sort of spill should happen again, you would be well-advised to contain it immediately--before it leaves your property. Since your operation provides a considerable quantity of sawdust, it should present no problem to use this sawdust for containment and for soaking up the material.

If this office can be of further assistance or if you have any questions, please do not hesitate to call.

Sincerely,

John T. Witherspoon
Water Pollution Control Inspector II
Surveillance & Enforcement

JTW:pg

cc: Mr. John R. Nixon, Regional Administrator, Missouri Department of Natural Resources
Public Works File
✓ Surveillance & Enforcement File

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF Memo to file

DATE August 17, 1977

DEPARTMENT


Re: Ozark Hardwoods, Inc.
1412 West Florida
Oil Spill

This office was contacted about 11:20 a.m., 8-17-77, concerning a milky substance in the street near Florida and Nettleton. Wayne Latimer and I responded to the call and found the substance coming from the above establishment. The material had run in the street clear to the corner of Atlantic and Newton. I contacted the plant foreman and advised him of the necessity to cease this discharge. He stated that they were repairing a milling machine and the substance, a water-soluble solvent (Satisol by ARCO)*, had escaped onto their lot. The problem was complicated by the fact that recent rainwater greatly diluted the material and caused it to be washed out of their lot. He agreed to apply sawdust to the material and did so over the entire course of the spill. He was also to contact Ed Sears at DNR. Ozark Hardwoods personnel did an excellent cleanup job and prevented the substance from entering the storm sewer. A City street sweeper will clean up the remaining sawdust.

*ca. 15 gallons

SIGNED

1412 W. Florida


John T. Witherspoon

CITY OF SPRINGFIELD, MISSOURI
DEPARTMENT OF PUBLIC HEALTH AND WELFARE
GENERAL SANITATION SECTION

Date 4-25-75

Time _____ A.M., _____ P.M.

Lab. No. misc

Sealed () Unsealed ()
Official () Unofficial ()

(Fill in this space if illness occurred)

No. persons ill _____ Symptoms _____

Time of ingestion _____

Time of onset of symptoms _____

Sample submitted by: Robert Cowson

Name Ozark Hardwood

Address _____, Missouri

Sample of waste water Perishable () Non-perishable ()

Condition of sample on arrival: Satisfactory () Unsatisfactory () Iced ()

Name of Manufacturer poly cube "A"
(If not same as above)

Address _____, Missouri

Reason for analysis inhibitor only

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons (), Federal Standards (), Insects
(Eggs & Larvae) (), Insect fragments (), Sulphites (), Preservatives ()
Starches or cereals (), Filth (), Other (), _____

Bacteriological - - - -
Total Count (), Coliform (), Other _____

[Signature]
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst [Signature] Date 4-25-75

Sample is slightly inhibitory to Bacillus subtilis

(Use back for additional information)

1412 W. FLORIDA

INDUSTRIAL WASTE SURVEY

Plant: Ozark Hardwoods Pipe Size: _____

Date: 4-24-75

<u>Sample No.</u>	<u>Time</u>	<u>Meter Reading</u>	<u>Depth of Flow</u>	<u>Volume</u>	<u>Condition of Flow</u>
-------------------	-------------	----------------------	----------------------	---------------	--------------------------

1					
2					
3					
4					
5		24 in Composite			
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					

Total 5 day B.O.D. 900 mg/l

Total S.S. 23 mg/l

Ca 732 mg/l

Cl 760 mg/l

NH₃-N 0.23 mg/l

pH = 6.50

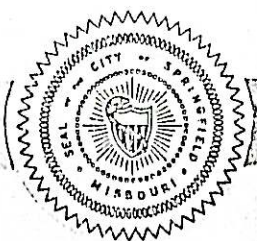
5.63

per 100 ft.³

0.14

per 100 ft.³

1412 W. FLORIDA



Harry Criswell
CITY OF SPRINGFIELD

City Hall
830 Boonville Avenue
Springfield, Missouri 65801
417-865-1611

March 30, 1973

Mr. Phil Platter
Ozark Hardwood Company
1412 West Florida Street
Springfield, MO 65803

SUBJECT: Plumbing Code Violation Section P802.0
Storm Water Drainage to Sewer Prohibited

Reference: Letter to you dated December 7, 1972, subject above from
Mr. Charles Criswell.

Dear Mr. Platter:

I want to thank you very much for your time and courtesy in meeting with me and others this morning. In accordance with our conversation this morning, a determination has been made regarding your connection of Industrial Waste to the sewer. In Mr. Criswell's letter to you he indicated that the waste would be acceptable for discharge into the sanitary sewer. He did not specify any particular method for accomplishing this.

After reviewing the Plumbing Code and discussing the matter with Mr. Criswell, I have determined that there is a Plumbing Code violation by allowing storm water to enter the sanitary sewer. Accordingly, appropriate remedial action should be initiated to bring the system into compliance with Section P802.0 of the Plumbing Code.

If you desire any assistance regarding interpretation of the Plumbing Code, please let me know and I will be happy to assist.

Sincerely,

Jerry King
Jerry King, P.E.
Public Works Department

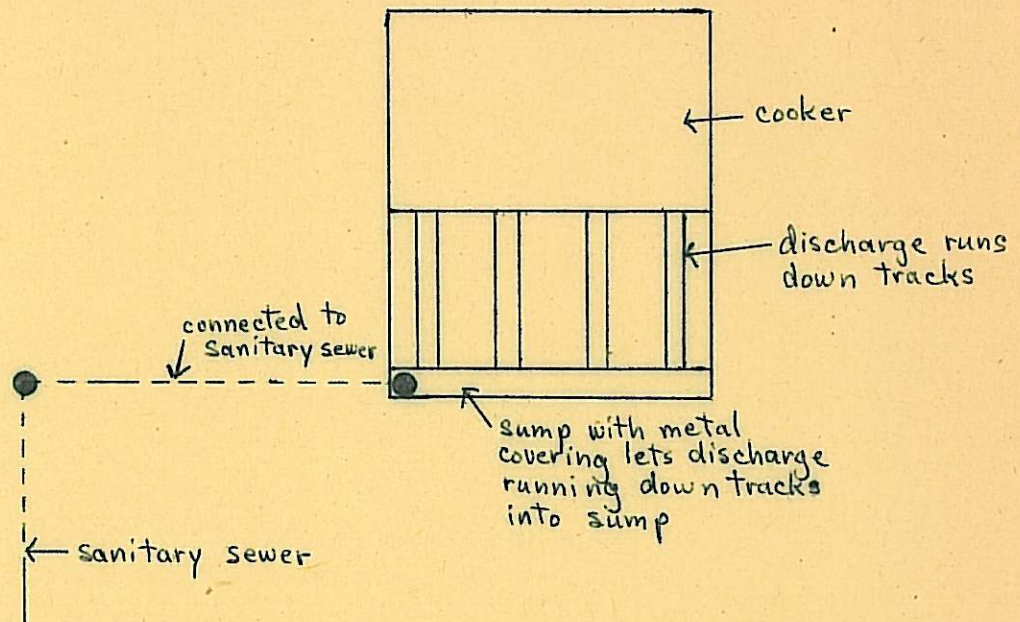
JK/dw

cc: Harry Lampe, Director of Public Works
Leonard Sims, Plumbing Inspector

1412 W. FLORIDA

Ozark Hardwood Co.
3-27-73 10:30 A.M.

Inspection by B. Corson, R. Lyman, G. Pabst of
facilities are pictured in drawing below



December 7, 1972

Mr. Phil Platter
Ozark Hardwood Company
1412 West Florida Street
Springfield, Missouri 65803

Dear Mr. Platter:

Thank you for the courtesy extended when Joe Allen and I visited your plant recently. Since that time, we have conducted various laboratory analyses on the waste discharged from your steam treatment of wood. As I indicated to you, we were most concerned with a fairly high concentration of phenol and phenolic compounds. These compounds are inhibitory to biological processes and we were able to confirm their action with toxicity analyses. In addition, phenols characteristically promote taste and odor problems, especially in conjunction with chlorination. However, based on the discharge volume data you have supplied, we have determined that your waste would now be acceptable for discharge into the sanitary sewer. Please advise us if in the future your volume of discharge greatly increases or you contemplate a change in your process.

If we may be of any further assistance or may answer any questions, please feel free to call on us at any time.

Yours very truly,

Charles H. Criswell
Chemist and Aquatic Biologist
Industrial Waste Surveillance & Enforcement

CHC:cc

cc: Mr. Joe Allen, Coordinator, Air Pollution Control Authority
Mr. Harold Bengsch, Superintendent of Environmental Public Health
Mr. Steve Decker, Regional Engineer, Missouri Clean Water Commission
Mr. Dick Paul, Investigation Section, U.S. Corps of Engineers

1412 W. FLORIDA

To _____

Date _____ Time _____ By _____

While You Were Out

Mr. _____

of _____

- | | |
|--|--|
| <input type="checkbox"/> Telephoned | <input type="checkbox"/> Called to See You |
| <input type="checkbox"/> Will Call Again | <input type="checkbox"/> Wants to See You |
| <input type="checkbox"/> Please Call Him | <input type="checkbox"/> Rush ! |

Phone _____

Message *Ozark Sheddwood*

~~2,000~~ - .05 dilution

~~4,110~~ & 2,740

~~2,000~~ & 2,000

.10 dilution

~~2,100~~ & 2,000

2,740 & 2,877 (over)

To *Crescent*

Date *11/10* Time *1:15* By *BB*

While You Were Out

Mr. *Platts, Phil*

of *Ozark Sheddwood*

- | | |
|---|--|
| <input checked="" type="checkbox"/> Telephoned | <input type="checkbox"/> Called to See You |
| <input type="checkbox"/> Will Call Again | <input type="checkbox"/> Wants to See You |
| <input checked="" type="checkbox"/> Please Call Him | <input type="checkbox"/> Rush ! |

Phone *866-0879*

Message

*Said they spelled
an estimated 3 to 5
gal per day of thion
when operating.
However, did not
operate every day.
Wants to talk to you.*

Re Lawson
1019 W. Crestview
883-8258

To

Date

Time

Mr

of

☐ Called to See You
☐ Wants to See You
☐ Rush!

☐ Telephoned
☐ Will Call Again
☐ Please Call Him

Phone

Message

120 Minutes
15-1400
8161 + 9908
1918

To

Date

Time

By

While You Were Out

Mr

of

☐ Called to See You
☐ Wants to See You
☐ Rush!

☒ Telephoned
☐ Will Call Again
☒ Please Call Him

Phone

Message

Just for Charles, etc.

Just a year discharge in nursing
Tuesday to North Plant

operator: days - (180) / yr.

Ozark Hardwood

3-5 gal/day
0.000 005 x 8.34 = 0.000 041 70 x 1 000 ppm = 0.041 7 lbs/day
2 000 " = 0.083 4
2 400 " = 0.100+
2 500 " = 0.104+
3 000 " = 0.125
4 000 " = 0.167
4 450 " = 0.185 6
5 000 " = 0.208 5
24 000 " = 1.0

Ct 3610 mg/l=0.151 lbs/day

Cl 108 =0.004 5

Co 3502 =0.146

BOD 4450 =0.186

SS 620 =0.026 47 000

NH₃-N 139.5 =0.005 8 58 000 48 670

PO₄ 9.5 =0.000 4 41 000

Phenol

0.24 ppm = 0.000 01 lbs/day

15. ppm = 0.000 1 lbs/days (10)

0.001 lbs/days (100)

0.01 lbs/days (1000)

0.1 lbs/days (10000)

1.0 lbs/days (100000)

1.0 lbs/274 yrs.

pH 6.31

Phil Platter, Ozark Hardwood 11-9-72

866-0879

Wants to put discharge in sanitary sewer
check Phenols & Terpines

Mr. Lafferty - called M.C.W.C.- 11-9-72

"Creosote" in ditch above spring

W. of Barn (Vich's)

came down with storm water?

checked by E. Sears, B. Corson, R. Lyman

Pete Gaskin - Moss America - wants sample 11-10-72

Wash water water

once week

or wet dry lumber

ATTENTION OF
DEPARTMENT

conc .24 units

20 ppm



10 gal/day

dilution to 1 MGD (NWP) 0.0002 mg/l

2 MGD

0.0001 mg/l acceptable, 0.5 mg/l

2:00 Monday 27th
Air Pol. Joe Allen

SS 620 → 48 670 = 2#/day
x 78.5

Inhibited BOD .2% 1987 19.20
.1% 2809 27.25
.05% 3425 27.41

Projected BOD -- -- 350 000 .15#/day @ 5

SS+ 3610 283 385 285 000 #2#/day
108
3502 ~ 280 000 280 000 12#/day
4450 - 349 325 350 000 15#/day
140 10 990 11 000 .5#/day
9.50 7 458 7 500 .3#/day

350 000
0.000 0.417
15 # day

① @ 15 mg/l = 0.0000625 #/day

1412 W. Florida

SIGNED

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF _____

DATE _____

DEPARTMENT _____

Rev Herbert Hillme
707 W Portland St

Asbury Methodist Church

1559 S Grant 865-1335

Sump pump disch to lot ok
need plumber and permit to put
valve on sanitary - but you
do have approval to do that work.

869 3581

SIGNED _____

CITY OF SPRINGFIELD, MISSOURI
DEPARTMENT OF PUBLIC HEALTH AND WELFARE
GENERAL SANITATION SECTION

Date 11-14-72

Time 9:30 A.M., _____ P.M.

Lab. No. misc

Sealed () Unsealed ()
Official () Unofficial ()

Sample submitted by: Harry Criswell

Name OZARK HARDWOOD COMPANY

Address 1412 W. Florida, Missouri

Sample of hardwood extract fluid Perishable () Non-perishable ()

Condition of sample on arrival: Satisfactory () Unsatisfactory () Iced ()

Name of Manufacturer Ozark Hardwood
(If not same as above)

Address _____, Missouri

Reason for analysis investigative

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons (), Federal Standards (), Insects
(Eggs & Larvae) (), Insect fragments (), Sulphites (), Preservatives ()
Starches or cereals (), Filth (), Other (), _____

Bacteriological - - - -
Total Count (), Coliform (), Other _____

[Signature]
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst L. Lambeth Date 11-14-72

pH - 6.1
Inhibitor - positive (c. 24 penicillin)

(Use back for additional information)

1412 W. FLORIDA

CITY OF SPRINGFIELD, MISSOURI
DEPARTMENT OF PUBLIC HEALTH AND WELFARE
GENERAL SANITATION SECTION

Date 11-14-72

Time 9:30 A.M., _____ P.M.

Lab. No. misc

Sealed () Unsealed ()
Official () Unofficial ()

Sample submitted by: Harry Criswell

(Fill in this space if illness occurred)

No. persons ill _____ Symptoms _____

Time of ingestion _____

Time of onset of symptoms _____

Name _____

Address _____, Missouri

Sample of hardwood extract fluid Perishable () Non-perishable ()

Condition of sample on arrival: Satisfactory () Unsatisfactory () Iced ()

Name of Manufacturer Ozark Hardwood
(If not same as above)

Address _____, Missouri

Reason for analysis investigative

TESTS TO BE RUN:

Chemical & Physical - - - Common Poisons (), Federal Standards (), Insects
(Eggs & Larvae) (), Insect fragments (), Sulphites (), Preservatives ()
Starches or cereals (), Filth (), Other (), _____

Bacteriological - - - - -
Total Count (), Coliform (), Other _____

[Signature]
Sample received by

LABORATORY RESULTS & CONCLUSIONS: Analyst L. Lambeth Date 11-14-72

pH - 6.1

Inhibitor - positive (c. 24 penicillin)

Spectrophotometer - peak at 250 mμ

Phenol - > 54g/ml (Use back for additional information)

(greater than 5ppm - estimated at 15-20ppm)

1412 W. FLORIDA

CITY OF SPRINGFIELD, MISSOURI
SOUTHWEST WASTEWATER TREATMENT PLANT
LABORATORY ANALYSIS REQUEST

Date In: 11/13/72

SAMPLE DESCRIPTION: OZARK HARDWOOD

CHECK ANALYSIS DESIRED:

Test Run
By _____ Date _____

EST 4500-10000 ☒ BOD₅ _____ PPM

EST 140 ppm ☒ Carbon C_T _____ C_L _____ C_O _____

EST 140 ppm ☒ NH₃-N Dilution _____ %T _____ Chart _____ FPM _____

_____ pH _____

_____ PO₄ Ortho Dilution _____ %T _____ Graph _____ FPM _____

☒ SS No. Vol. Wt. Dry Tare Tare-Dry Wt. FPM John 11-16-72

<u>730</u>	<u>1 ml</u>	<u>17.2985</u>	<u>17.2509</u>	<u>476</u>	<u>47600</u>
<u>725</u>	<u>5 ml</u>	<u>17.5471</u>	<u>17.2565</u>	<u>2906</u>	<u>58120</u>
<u>710</u>	<u>.4 ml</u>	<u>17.1317</u>	<u>17.1151</u>	<u>166</u>	<u>41500</u>

OTHER(SPECIFY): _____

Report Out: Date: _____
To: _____
By: _____

5.8 Springfield
Ozark Hardwood

November 8, 1972

Ozark Hardwood Company
1412 West Florida Street
Springfield, Missouri

Dear Sirs:

We are recently in receipt of a copy of a letter to you from the City of Springfield in regard to your discharge of water contaminants from your property. Please be advised that Sec. 204.051 of the Missouri Clean Water Law states that it is unlawful to operate a water contaminant source without a permit from the Commission. Your company does not have the necessary permit for the discharge described by the City.

We feel, after review of the dates in the City's letter for prevention of the present discharge, that prompt and sound action is not being taken by your company. We strongly recommend that you cooperate fully with the City of Springfield in a prompt solution to your pollution problems. We are requesting the City of Springfield to keep us advised of your compliance with the schedule date of November 30, 1972, as well as your adherence to that schedule in an abatement program.

Yours truly,

Charles S. Decker, E.I.T.
Regional Engineer
Springfield Regional Office
Missouri Clean Water Commission

CSD/cg

C.C. Central Office ATTN: Charles Stieffermann
Jerry Croy, Enforcement Officer
Harry Criswell., City of Springfield
Dick Paul, Investigation Section, U.S. Army Corps of Engineers, Little Rock
Ken. H. Christgen, President

1412 W. FLORIDA

November 2, 1972

Ozark Hardwood Company
1412 West Florida Street
Springfield, Missouri 65803

Dear Sirs:

On May 11, 1972, you were contacted by personnel from this office and by the Environmental Protection Agency concerning the discharge of pollutants from your property. The source for these pollutants seems to be a building where wood is steam treated. Liquid discharged from this building runs across your property to the west and down a concrete channel to the stream. You were informed at that time that this discharge was not permissible. Samples were taken of the discharge and the results of the analyses are enclosed. Apparently, a shallow earthen dike was erected in an attempt to contain the discharge on your property. Inspections recently (October 2, October 16, October 30, October 31, 1972) indicate that a significant quantity of waste is still being discharged. This is a violation of Section 30 of the City Code, the Missouri Water Quality Standards, and the Federal Harbors and Refuse Act.

It is my suggestion that you prepare a timetable or schedule for abatement of your water quality problems. You should present a copy of this schedule to this office by November 30, 1972.

If we can be of any assistance to you, or can answer any questions, please do not hesitate to call.

Yours very truly,

Charles H. Criswell
Chemist and Aquatic Biologist
Industrial Waste Surveillance & Investigation

CHC:cc

ccs: Mr. Ken H. Christgen, President
Mr. Phillip S. Platter, Secretary
Mr. Daniel W. Duncan, Treasurer
Mr. Steve Decker, Regional Engineer, Missouri Clean Water Commission
Mr. Dick Paul, Investigation Section, U.S. Army Corps of Engineers

1412 W. FLORIDA

5-11-72 14:45 Sample S-26-601CC-Ozark Hardwood

Carbon, total	3,610 mg/l
Carbon, inorganic	108 mg/l
Carbon, organic	3,502 mg/l
Biochemical Oxygen Demand	4,450 mg/l
Suspended Solids	620 mg/l
Nitrogen, Ammonia, as mg/l N	139.50 mg/l
Phosphate, as mg/l PO_4	9.50 mg/l
pH	6.31

Sample was highly colored

CITY OF SPRINGFIELD
INTER-OFFICE MEMORANDUM

ATTENTION OF Everett Balk

DATE March 9, 1972

DEPARTMENT P. W. - Sanitary Services

Re: Industrial Discharge Into Storm Sewers

East of Kansas

(E)

<u>Sample I. D.</u>	<u>B.O.D.</u>	<u>S.S.</u>	<u>NH₃-N</u>	<u>PO₄⁻³</u>	<u>pH</u>
S - 01 - 562c	445	56	1.10	0.64	6.9

West of Kansas

S - 02 - 73	5150	325	26.50	0.75	6.3
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Ozark Hardwood 12

SIGNED

1412 W. Florida

H. Criswell, Chemist

Ozark Hardwood

Feb. 31, 1972
Corson & Lyman

During an investigation in the Frisco Yards a black substance was observed as an influent coming into the east part of the yards at the head of N. Wilson Creek. Samples were taken and the problem was traced to drainage from Ozark Hardwood's yard where logs and lumber are stored. A lab report showed an ~~extreme~~ extremely high BOD and the effluent from this firm was resampled. Results have not been obtained at this time. (3-1-72)

Ozark Hardwood Co.

Ken H. Christgen, Pres. (r. St. Joseph Mo.)

Phillip S. Platter, Sec.

Daniel W. Duncan, Treas. (r. St. Joseph Mo.)

1412 W. Florida St.

866-0879

inspections	2-29-72
	5-11-72
	10-2-72
	10-16-72
	10-30-72
	10-31-72

1412 W. Florida